



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 26, 2006

LOWE HAUPTMAN GILMAN & BERNER, LLP
1700 DIAGNOSTIC ROAD, SUITE 300
ALEXANDRIA, VA 22314
US

Dear Sir/Madam,

Your refund request for 10531081 in the amount of \$1,060.00 has been denied .

The applicant provide the same preliminary amendment on 10/31/05 and 4/08/06. Fee are proper.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rita White", is written over the word "Sincerely,".

RITA WHITE
PCT - National
703 308-9140 x231

Docket No.: 4590-388

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Nicolas BERTHOU

U.S. Patent Application No. 10/531,081

Filed: April 8, 2005

For: AIRCRAFT INSTRUMENT PANEL

Confirmation No.

Group Art Unit:

Examiner:

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

A refund in the amount of \$1060.00 is requested for the following reason:

- No extra claims fees are necessary. The preliminary amendment deleting the multiple dependency claims was filed on April 8, 2005 and resubmitted again with a copy of the post card on October 31, 2005.

Please immediately credit Deposit Account No.: 07-1337 in this amount.

Respectfully submitted,

LOWE HAUPTMAN & BERNER, LLP

Kenneth M. Berner

Kenneth M. Berner
Registration No. 37,093

1700 Diagonal Road, Suite 310
Alexandria, Virginia 22314
Telephone: (703) 684-1111 KMB/iy
Facsimile: (703) 518-5499
DATE: December 21, 2005

CERTIFICATION OF FACSIMILE TRANSMISSION
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMI-
LE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE

ON THE DATE SHOWN BELOW

TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION
Rayna R. DeLuca

SIGNATURE

DATE

571-273-6500

FACSIMILE NUMBER

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004

Application or Docket Number
4590-388

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is USA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	17 minus 100 =	150 =
TOTAL CHARGEABLE CLAIMS	34 minus 20 =	14
INDEPENDENT CLAIMS	1 minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐ OR

OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE		OR	BASIC FEE	300
EXAM. FEE			EXAM. FEE	200
SEARCH FEE			SEARCH FEE	400
X \$ 125 =			X \$ 250 =	
X \$ 25 =		OR	X \$ 50 =	700
X \$ 100 =		OR	X \$ 200 =	
+ \$ 180 =		OR	+ \$ 360 =	360
TOTAL		OR	TOTAL	1960

CLAIMS AS AMENDED - PART II

4/3/06

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	•	Minus	**
Independent	•	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X \$ 25 =		OR	X \$ 50 =	
X \$ 100 =		OR	X \$ 200 =	
+ \$ 180 =		OR	+ \$ 360 =	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	•	Minus	**
Independent	•	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X \$ 25 =		OR	X \$ 50 =	
X \$ 100 =		OR	X \$ 200 =	
+ \$ 180 =		OR	+ \$ 360 =	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

10/531088

**MULTIPLE DEPENDENT CLAIM
FEE CALCULATION SHEET**
(FOR USE WITH FORM PTO-875)

SERIAL NO.

FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1					
2		2		1		
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TOTAL IND.		↓	1	↓		↓
TOTAL DEP.		←	33	←		←
TOTAL CLAIMS			34			

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
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TOTAL IND.		↓		↓		↓
TOTAL DEP.		←		←		←
TOTAL CLAIMS						

U.S NATIONAL STAGE WORKSHEET (DO/EO)

U.S. APPL. NO. 10/231081 INTERNATIONAL APPL. EP2003/050751

APPLICATION FILED BY: 20 MOS., _____ OR 30 MOS., _____ SCREENED BY _____

PCT International Division

INTERNATIONAL APPLICATION PAPERS IN THE APPLICATION FILE:

- ☒ International application
- ☒ Article 19 amendments
- ☒ Priority Document(s) No. _____
- ☐ Request Form PCT/RO/101
- ☐ PCT/IB/302
- ☐ PCT/IB/304
- ☐ PCT/IB/306
- ☐ PCT/IB/308
- ☐ PCT/IB/331
- ☒ OTHER PCT/IB/ _____
- ☒ PCT/IPEA/409 also 416

- ☐ 409 annexes to IPER
- ☒ PCT/ISA/210 (Search report)
- ☐ Search report References
- ☐ Other Papers filed

WIPO PUBLICATION
PUBLICATION NO. WO 2004/037643
PUBLICATION DATE 06 May 04
PUBLICATION LANG., German
NOT PUBLISHED
_____ U.S. only _____ Requested

RECEIVED FROM THE APPLICANT: (other than checked above)

- ☒ National application basic fee paid
- ☒ Express Processing Requested
- ☒ Translation of the International Application
- ☐ Used the IB copy of the IA
- ☒ Description
- ☒ Claims 14
- ☒ Drawings 4
- ☐ Foreign Language in drawing
- ☐ Article 19 Amendments
- ☐ Amendment used in application
- ☐ Article 34 Amendment
- ☐ Amendment used in application
- ☐ DNA
- ☐ 1194 transaction done

- ☒ Preliminary Amendment(s) filed US 1195
- ☐ second submission
- ☒ Information Disclosure Statement US 1195
- ☐ second submission
- ☒ Assignment
- ☐ Forward to Assignment Branch
- ☐ Substitute Specification
- ☐ Small Entity Statement
- ☐ type _____
- ☐ Oath/Declaration (date submitted _____)
- ☒ Not executed
- ☐ Executed
- ☐ Power of Attorney
- ☐ Change of Address

35 USC Receipt of Request (PTO - 1399 Transmittal Letter)

Date Acceptable oath/declaration received 3/10/05

102(e) Date _____

Date complete 35 USC 371 requirements met _____

DATE NOTICE COMPLETED

- DO/EO 903 Notice of Acceptance 2/26/06
- DO/EO 905 Notice of Missing Requirements 8/23/05
- DO/EO 917 Notice of A defective oath or declaration
- DO/EO 916 Notice of defective response
- DO/EO 913 Notice of defective translation
- DO/EO 909 Notification of Abandonment

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): An aircraft instrument panel ~~comprising on the one hand at least one~~ a main display system (50, 60) for horizon and necessary piloting parameters, and on the other hand an item of automatic pilot control equipment [[[80]]], which comprises manual piloting set point control buttons (103, 105, 107, 109) and finally an item of standby display equipment [[[80)]]] allowing the display, independently of the main display system, of integrated standby data including a standby horizon, ~~characterized in that~~

wherein the automatic pilot control equipment and the standby display equipment are two identical items of equipment from the hardware point of view and the software point of view and each comprises a display screen capable of displaying the integrated standby data, and in that the two items of equipment have at least two operating modes, one of the modes being an integrated standby data display mode and the other being a mode of displaying the automatic pilot set points given by the pilot, the items of equipment each operating in a different mode in normal operating conditions.

2. (currently amended): The instrument panel as claimed in claim 1, ~~characterized in that~~ wherein the set point control buttons are active on the equipment that is in piloting set point display mode and inactive as control buttons for set point adjustment on the equipment that is in standby data display mode.

3. (currently amended): The instrument panel as claimed in ~~either one of claim[[s]] 1 and 2, characterized in that~~ wherein the control buttons of the item of equipment that is in piloting set point display mode allow the establishment of set point adjustment signals that are also transmitted to the other item of equipment, which also processes these signals without however displaying the set points.

4. (currently amended): The instrument panel as claimed in ~~one of claim~~[[s]] 1 to 3, ~~characterized in that~~ wherein each of the two items of equipment comprises a switchover control button (81, 81') which is used to invert the operating modes of the two items of equipment.

5. (currently amended): The instrument panel as claimed in ~~one of claim~~[[s]] 1 to 5, ~~characterized in that~~ wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

6. (currently amended): The instrument panel as claimed in ~~one of claim~~[[s]] 1 to 5, ~~characterized in that~~ wherein the items of equipment comprise a control button (110, 110') distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

7. (currently amended): An integrated item of standby equipment intended to be mounted on an instrument panel as claimed in one of the preceding claims, ~~characterized in that~~ wherein it ~~comprises~~ comprising both the hardware and software capable of displaying on a single display screen either standby data, including a standby horizon, when the equipment is operating in a standby data display mode, or automatic pilot set points when the equipment is operating in a piloting set point display mode, the equipment being provided with piloting set point adjustment buttons.

8. (currently amended): The equipment as claimed in claim 7, ~~characterized in that~~ wherein it ~~comprises~~ comprising an atmospheric pressure reset button [[[110]]], active when the equipment is in standby data display mode.

9. (currently amended): The equipment as claimed in claim 8, ~~characterized in that~~ wherein the equipment has a mode switchover button [[[81]]], active for inverting the equipment

operating mode and capable of sending a mode inversion signal to another identical item of equipment of the same instrument panel.

10. (new): The instrument panel as claimed in claim 2, wherein the control buttons of the item of equipment that is in piloting set point display mode allow the establishment of set point adjustment signals that are also transmitted to the other item of equipment, which also processes these signals without however displaying the set points.

11. (new): The instrument panel as claimed in claim 2, wherein each of the two items of equipment comprises a switchover control button which is used to invert the operating modes of the two items of equipment.

12. (new): The instrument panel as claimed in claim 3, wherein each of the two items of equipment comprises a switchover control button which is used to invert the operating modes of the two items of equipment.

13. (new): The instrument panel as claimed in claim 2, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

14. (new): The instrument panel as claimed in claim 3, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

15. (new): The instrument panel as claimed in claim 4, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

16. (new): The instrument panel as claimed in claim 2, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

17. (new): The instrument panel as claimed in claim 3, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

18 (new): The instrument panel as claimed in claim 4, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

19. (new): The instrument panel as claimed in claim 5, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.